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LEXDEN AND WINSTREE RURAL DISTRICT COUNCIL

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ANNUAL REPORT  
MEDICAL OFFICER OF HEALTH  
1971

LEXDEN GRANGE,  
127 LEXDEN ROAD,  
COLCHESTER,  
Essex.



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LEXDEN & WINSTREE RURAL DISTRICT COUNCIL

LEXDEN GRANGE, 127, LEXDEN ROAD, COLCHESTER

TELEPHONE: COLCHESTER 77494

13th September 1972

To the Chairman and Members of the  
Lexden and Winstree Rural District Council

Mr Chairman, Ladies and Gentlemen,

I have pleasure in presenting my report for 1971.

I have to thank the members of the Council and the Council's staff for their assistance throughout the year.

I have the honour to be,  
Your Obedient Servant,

*Sylvia Macmillan*

RECEIVED BY THE DISTRICT COURT OF THE DISTRICT OF COLUMBIA

IN THE MATTER OF THE ESTATE OF

JOHN W. BROWN, DECEASED

JOHN W. BROWN, DECEASED

JOHN W. BROWN, DECEASED

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JOHN W. BROWN, DECEASED

LEXDEN AND WINSTREE RURAL DISTRICT COUNCIL

1971 - 1972

Chairman of the Council

Mr. J. E. Jackson

Vice-Chairman of the Council

Lt-Col. B.E.M. Harding, M.B.E.

Clerk to the Council

D.S. Mitchell, M.A.(Oxon).

PUBLIC HEALTH COMMITTEE

Chairman: Mrs. C. M. Cock

Vice-Chairman: Lt-Col. J.G. Round, DL, J.P.

Mr R. W. R. Browning

Lt.Col. R. H. A. Lucas

Mr P. A. Evans

Mrs A. Bevington Smith

Mr G. F. C. Kemp

Mr R. J. Thomas

Mrs B. Marsh

Maj. J. H. Charnock

Mr K. L. Brown

Mr C. E. Robinson

Mr A. W. Garrod

Mr D. P. T. Woodgate.

Mr H. W. Palmer

PUBLIC HEALTH DEPARTMENT STAFF

as at 31st December 1971

Medical Officer of Health

SYLVIA MACMILLAN, M.R.C.S., L.R.C.P., M.B.B.S., D.P.H.,

also Medical Officer of Health to the Wivenhoe Urban District Council,  
West Mersea Urban District Council and Assistant County and School  
Medical Officer, Essex County Council.

Chief Public Health Inspector, Engineer & Surveyor

G. A. GRAVES, F.I.Mun.E.,

Senior Public Health Inspector and Assistant Surveyor

A. G. SADLER, A.R.S.H.,

Additional Public Health Inspector

B. M. Lowen, M.A.P.H.I.,

Technical Assistant

W. LOY

Council Offices,  
Lexden Grange,  
127 Lexden Road,  
COLCHESTER.

Telephone: Colchester 77494



LEXDEN AND WINSTREE RURAL DISTRICT COUNCIL

STATISTICS AND SOCIAL CIRCUMSTANCES OF THE AREA

GENERAL STATISTICS

Area of the District (acres)	66584
Number of Parishes	32
Estimated Population (mid year)	32270
Estimated Population (mid year)(England & Wales)	48815000
Rateable Value 31.3.72.	1,011,485
Sum represented by a new penny rate 1971/72	10,400
Number of houses in the District	11846
Number of houses owned by the Council	1,963

SOCIAL CONDITIONS

The district occupies an area partially surrounding the Borough of Colchester: its northern boundary is the River Stour which separates it from Suffolk. South-east of Colchester its eastern boundary is the River Colne and the Blackwater Estuary.

While the district is still mainly rural, development is taking place rapidly in the ring of villages surrounding Colchester and these serve increasingly as dormitory areas for persons employed in the Town and in London.

The majority of the working population find employment outside the district mainly in Colchester and to an increasing extent in London.

## EXTRACTS FROM VITAL STATISTICS

The population increased from an estimated 28940 in 1970 to an actual 32,270 in 1971 (census year). The increase is 3330, only a little more than that estimated for the previous 5 years (3020). The Registrar General has estimated an increase of approximately 608 a year for the last 10 years based on the 1961 census.

The 1971 census figure indicates a marked discrepancy between the estimated and actual number of the population in this district over the past 10 years.

The birth rate declined a little since 1970. It was 20.9 in 1971 and 21.1 in 1970. It is, however, encouraging that the rate has not increased in the last 3 years. In England and Wales it is 16.0.

The death rate declined to 8.6 in 1971 from 10.2 in 1970. In England and Wales it is 11.7. This rate together with the remarkably low infant mortality rate of 5.0 in 1970 and 4.0 in 1971 may reflect the relatively good socio economic status of the district.

Unfortunately there was an increase for the 3rd year running of deaths from both Cancer of the lung and ischaemic heart disease (coronary disease)

	<u>1969</u>	<u>1970</u>	<u>1971</u>
IMA	69	76	97
Cancer of Lung	12	17	21

Of persons under 65 years of age the main causes of death were as follows:

	<u>1969</u>	<u>1970</u>	<u>1971</u>
Ischaemic Heart Disease	12	18	21)
Cancer of the lung	6	7	7)
Cerebro-vascular disease	12	11	3
Motor vehicle accidents	2	7	5
Other accidents	2	2	1
Suicide	3	2	2
pneumonia	7	2	2

Attention is drawn to the direct relationship between death from Cancer of the Lung and coronary disease and cigarette smoking.

## BIRTH STATISTICS

The following table gives the number of annual births in Lexden & Winstree and also the birth rates for the district compared with those for England and Wales from 1961 to 1971.

The Birth Rate is the number of live births per 1000 mid year estimated population and the Rate referred to is adjusted for age structure to compare with the national rate.

### BIRTH RATE

	Lexden and Winstree	England & Wales	Number of births in Lexden and Winstree
1961	17.0	17.4	337
1962	19.3	18.0	392
1963	21.6	18.2	438
1964	21.9	18.4	473
1965	24.5	18.0	556
1966	22.3	17.7	527
1967	23.0	17.2	553
1968	24.2	16.9	593
1969	21.1	16.3	525
1970	21.1	16.0	535
1971	20.9	16.0	591

### LIVE BIRTHS

Total No. of live births	591
Legitimate	566
Illegitimate	25

Live birth rate per 1000 estimated resident population (crude rate)	18.3
Comparability factor for the district	1.14
Live birth rate per 1000 population (corrected)	20.9
Live birth rate per 1000 for England and Wales	16.0
Ratio of local adjusted birth rate to national rate	1.30
Illegitimate live births (as % of total live births)	4%
England and Wales	8%

### STILL BIRTHS

Total number of still births	4
Still birth rate per 1000 total (live and still) births	7
Still birth rate per 1000 total (live and still) births England and Wales	12
TOTAL NUMBER OF LIVE AND STILL BIRTHS	<u>595</u>

## INFANT MORTALITY

### Deaths of Infants Under one Year of Age

Infant Mortality (number of deaths under 1 year of age)	4
Infant Mortality Rate (Total infant deaths per 1000 total live births)	7
Infant Mortality Rate England and Wales	18
Illegitimate infant deaths under 1 year of age	0
Neonatal Mortality Rate (Deaths under 4 weeks old per 1000 total live births)	7
Neonatal Mortality Rate England and Wales	12
Early Neonatal Mortality Rate (Deaths under 1 week old per 1000 total live births)	7
Early Neonatal Mortality Rate England and Wales	10
Perinatal Mortality Rate (Stillbirths and deaths under 1 week old combined per 1000 live and still births)	13
Perinatal Mortality Rate England and Wales	22

• • • • •

### Maternal Mortality (including abortion) -

Number of deaths	0
Maternal Mortality Rate (Maternal deaths per 1000 total live and still births)	0

• • • • •

## INFECTIOUS DISEASES

1971

Measles	18
Whooping Cough	9
Scarlet Fever	4
Infective Hepatitis	3
Dysentery	1
	<hr/>
	35
	<hr/>



### DEATH RATE

Death Rate per 1000 estimated resident population (crude rate)	10.5
Comparability figure	0.82
Corrected death rate (Local adjusted rate)	8.6
England and Wales	11.6

### DEATHS IN THE VARIOUS AGE GROUPS

TOTAL deaths in the area - 338

<u>AGE</u>	<u>NUMBER OF DEATHS</u>	
	1970	1971
Under 1 week	3	4
1 week - 4 weeks	0	0
4 weeks - 1 year	2	0
1 - 4 years	1	1
5 - 14 years	2	2
15 - 24 years	4	2
25 - 34 years	3	3
35 - 44 years	3	9
45 - 54 years	32	15
55 - 64 years	41	35
65 - 74 years	102	106
75 and over	165	161
	<u>358</u>	<u>338</u>

### CAUSES OF DEATH

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>
Other Infective and Parasitic Diseases	-	1	1
Malignant Neoplasm, Buccal Cavity, Etc.	1	2	3
Malignant Neoplasm, Oesophagus	2	1	3
Malignant Neoplasm, Stomach	4	-	4
Malignant Neoplasm, Intestine	2	4	6
Malignant Neoplasm, Larynx	1	-	1
Malignant Neoplasm, Lung, Bronchus	18	3	21
Malignant Neoplasm, Breast	-	6	6
Malignant Neoplasm, Uterus	-	3	3
Malignant Neoplasm, Prostate	2	-	2
Leukaemia	1	3	4
Other Malignant Neoplasms	9	7	16
Diabetes Mellitus	2	-	2
Multiple Sclerosis	-	1	1
Other diseases of nervous system	1	1	2
Hypertensive Disease	1	2	3
Ischaemic Heart Disease	61	36	97
Other forms of heart disease	9	13	22

/CONTINUED.. . . .

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>
Cerebrovascular Disease	13	25	38
Other diseases of circulatory system	6	13	19
Pneumonia	14	12	26
Bronchitis and Emphysema	5	-	5
Asthma	-	1	1
Other diseases of respiratory system	-	1	1
Peptic Ulcer	2	-	2
Intestinal Obstruction and Hernia	2	-	2
Other diseases of digestive system	5	4	9
Nephritis and Nephrosis	-	2	2
Hyperplasia of Prostate	1	-	1
Other diseases, Genito-Urinary system	2	2	4
Diseases of Musculo-Skeletal System	-	1	1
Birth Injury, Difficult Labour, Etc.	3	-	3
Other causes of perinatal mortality	1	-	1
Symptoms and Ill defined conditions	2	10	12
Motor vehicle accidents	4	2	6
All other accidents	2	2	4
Suicide and self-inflicted injuries	2	1	3
All other external causes	1	-	1
	<u>179</u>	<u>159</u>	<u>338</u>

#### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

##### LABORATORY FACILITIES

The laboratories available are situated at:

The Essex County Hospital

St. Mary's Hospital (Bacteriology)

The Public Health Laboratory, Woodbridge Road, Ipswich.

##### AMBULANCE

Non-emergency calls are not accepted from the General Public. To obtain an ambulance in an emergency lift the telephone receiver and ask for an ambulance. If there is a dialling system in operation, dial '999' or 100 and ask for an ambulance.

#### HEALTH SERVICES PROVIDED BY THE ESSEX COUNTY COUNCIL

Ante-Natal and post-Natal clinics

Child Health Clinics

Midwives

Nursing in the Home

Health Visiting

Mental Welfare

/Continued.. . . .

HEALTH SERVICES PROVIDED BY THE ESSEX COUNTY COUNCIL (cont.)

Home Helps

Night Sitters

Chiropody

Vaccination and Immunisation against Diphtheria, Whooping Cough, Poliomyelitis, Tuberculosis, Tetanus, Measles and German Measles.

Provision of nursing equipment and apparatus

School Health Service

Cytology Clinic, Central Health Services Clinic, East Lodge Court, every Thursday, 9.30 am.

Relaxation and Mothercraft Classes are also held at the Central Clinic, East Lodge Court, High Street, Colchester, on Mondays a.m., Tuesdays a.m. and p.m. Thursdays a.m. and p.m., Fridays, a.m. and p.m. by appointment.

Child Health Clinics are held in the following villages:-

TIPTREE - Health Services Clinic, Church Road, Tiptree. (All Services)  
Tel: Tiptree 6475.

LAYER DE LA HAYE - Second Thursday at the Women's Institute at 2pm.  
Chiropodist - 3rd Thursday at 2pm.

ROWHEDGE - First and Fourth Thursdays at the Pavilion, Rectory Road,  
at 2 pm.

ABBERTON - Second Tuesday at the Village Hall at 2 pm.

STANWAY - Each Tuesday at the Village Hall at 2 pm.

DEDHAM - Fourth Thursday at the Hewitt Hall at 2 pm. Chirpodist -  
1st and 3rd Thursdays at 2 pm.

WEST BERGHOLT - Second and Fourth Tuesdays at the Orpen Hall at 2 pm.

BOXTED - Last Wednesday at the Village Hall at 2 pm.

EIGHT ASH GREEN - Second Monday at the Village Hall at 2 pm.

FORDHAM - Third Thursday 10 to 11am, at the Village Hall.

GREAT TEY - Third Tuesday at the Village Hall at 2 pm.

MARKS TEY - Third Wednesday at the Village Hall at 2 pm.

COPFORD - Fourth Thursday at the Village Hall at 2 pm.

Assistance from the Home Help Service is obtained by communicating with the Social Services Department, Park Road, Colchester, Telephone Colchester 79511.



## HEALTH SERVICES PROVIDED BY THE REGIONAL HOSPITAL BOARD

### V.D. CLINIC

Sessions are held at the Essex County Hospital on Tuesdays, 5 pm. to 6.30 pm and Fridays, 10 am to 11.30 am.

### FAMILY PLANNING

Family Planning Association (1) Essex County Hospital, Mondays and Thursdays, 6.30 to 8.30 pm Telephone Colchester 6257, (2) Monkwick Health Services Clinic, Tuesdays, 6 pm to 9 pm. I.U.D. Clinics Wednesdays a.m. (by appointment) and 1st and 3rd Fridays a.m. (by appointment). Telephone Colchester 78571, (3) Tiptree Health Services Clinic, 1st and 3rd Thursdays, 6 pm to 9 pm. Telephone Tiptree 6475.

### MEALS ON WHEELS

This service is carried out by the W.R.V.S. and financially aided by the Rural District and the County Council. Table 1 shows that there has been a steady increase of meals served each year, 2,112 more in 1970 than in 1966.

Table 1

<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
6787	7709	7895	8383	7820
==	==	==	==	==

Table II shows the number of meals each parish concerned served in the last five years.

Table II

	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
Rowhedge and Fingringhoe	1497	2262	2179	2078	1109
Tiptree	1348	1536	1861	1901	1516
Stanway	1263	1629	1386	1375	1685
West Bergholt	1242	818	786	895	1018
Dedham	960	849	918	1382	1910
Laver de la Haye	495	615	765	752	582

The Service is able to provide meals for most cases where they are actually wanted.

A tribute should be paid to the devoted work done by the W.R.V.S. teams and their Organisers.



PRE-SCHOOL PLAY GROUPS FOR CHILDREN FROM 2<sup>1</sup>/<sub>2</sub> to 5 years old

AND CHILD MINDERS

REGISTERED UNDER NURSERIES AND CHILD MINDERS REGUL. 10. ACT, 1948

PLAY GROUPS The number has again increased and 3 Village Hall committees of Parish Councils have Play Groups, these are Aldham, Marks Tey and Boxted.

	<u>No. of Children</u>	<u>No. of Sessions</u>		<u>No. of Children</u>	<u>No. of Sessions</u>
Stanway	36	4	Chappel	10	5
Tiptree	35	7	Dedham	8	5
Tiptree	20	2	Gt. Tey	15	5
Tiptree	10	4	Gt. Tey	8	4
Eight Ash Green	20	2	Aldham		
Marks Tey	30	2	(Parish		
Marks Tey (Parish			Council)	12	2
Council)	24	2	Laver de la Haye	20	2
Fordham	20	2	Copford	12	2
West Bergholt	20	2	Peldon	20	1
West Bergholt	15	5	Rowhedge	20	2
			Boxted	20	2
			Gt Horkesley	20	2

CHILD MINDERS There are many of these and the number is increasing.

## PUBLIC HEALTH INSPECTOR'S REPORT

### The Chairman and Members of the Lexden & Winstree Rural District Council

Mr Chairman, Ladies and Gentlemen,

I beg to submit my report of work carried out during the year ending 31st December, 1971.

#### HOUSING

The total number of houses built by private enterprise within the district increased during the year to 482

The number of Council owned dwellings built during the year increased to 81.

The number of houses improved with the aid of Discretionary and Standard Grants is once again at a satisfactory level.

Steady progress was maintained in dealing with unfit houses and in particular with inspecting houses as and when they became vacant as this is undoubtedly the most advantageous time to require improvement and repair.

HOUSING STATISTICS FOR 1971

1. Number of permanent dwellings in this district at 31st December 1971.	11846
2. Number of Council owned dwellings in the district at 31st December 1971.	1942
3. Inspection of dwellings during the year:-	
(i) Inspected for housing defects under Public Health Acts.	210
(ii) Inspected for housing defects under Housing Acts	665
(iii) Number of dwellings found to be in need of repair or lacking essential amenities	524
4. <u>Unfit Houses made fit and Houses in which Defects were Remedied</u>	
(i) After informal action by Local Authority	107
(ii) After formal notice under the Public Health Acts	nil
(iii) After formal notice under the Housing Acts	12
5. Number of houses demolished during 1971	22
Number of houses closed during 1971	10
6. Number of houses erected by private enterprise	482
Number of Council Houses completed	81
7. Applications approved for Discretionary Improvement Grants	31
Applications approved for Standard Improvement Grants	66

PROGRESS IN SLUM CLEARANCE DURING 1971

	Total No. Cat.5 Houses 1.1.71	Prop- ties down graded to Cat. 5 in 1971	Houses demo- lished in 1971	Houses made fit in 1971	Total Cat.5 houses 31.12. 71.	Houses subject to demo- lition Orders or closing Orders	Houses subject to under- taking	Listed Cat.5. houses still to be dealt with	Listed Cat. 5 houses still occupied
Abberton	2	Nil	Nil	Nil	2	Nil	1	1	1
Aldham	1	2	Nil	Nil	3	Nil	1	2	2
Bergholt, West	17	1	Nil	2	16	3	5	8	2
Birch	6	Nil	Nil	2	4	Nil	2	2	Nil
Boxted	2	Nil	Nil	Nil	2	2	Nil	Nil	Nil
Chappel	1	Nil	Nil	Nil	1	Nil	Nil	1	1
Colne, Wakes	12	Nil	1	Nil	11	3	5	3	Nil
Copford	4	Nil	Nil	Nil	4	2	1	1	1
Dedham	20	7	1	10	16	5	2	9	4
Donyland, East	4	4	2	Nil	6	2	1	3	2
Eight Ash Green	5	Nil	Nil	Nil	5	2	1	2	Nil
Fingringhoe	1	Nil	Nil	Nil	1	Nil	Nil	1	1
Fordham	4	Nil	Nil	3	1	Nil	Nil	1	Nil
Horkesley, Gt.	2	2	2	Nil	2	Nil	1	1	Nil
Horkesley, Lt.	3	Nil	Nil	Nil	3	Nil	1	2	Nil
Langenhoe	2	Nil	Nil	Nil	2	Nil	Nil	2	2
Langham	5	Nil	Nil	Nil	5	2	1	2	2
Layer Breton	4	Nil	Nil	Nil	4	2	2	Nil	Nil
Layer de la Haye	7	Nil	3	1	3	Nil	2	1	1
Layer Marney	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Mersea, East	1	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil
Messing Cum Inworth	8	Nil	Nil	Nil	8	3	4	1	Nil
Mount Bures	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Peldon	2	2	Nil	Nil	4	2	Nil	2	2
Salcott & Virley	4	Nil	Nil	3	1	Nil	Nil	1	1
Stanway	15	1	2	Nil	14	1	3	10	4
Tey, Gt.	2	Nil	Nil	2	Nil	Nil	Nil	Nil	Nil
Tey, Marks	9	Nil	Nil	Nil	9	4	Nil	5	2
Tiptree	3	2	1	Nil	4	Nil	1	3	2
Wigborough Gt. and Little	4	Nil	Nil	1	3	2	1	Nil	Nil
Wormingford	3	Nil	Nil	Nil	3	Nil	3	Nil	Nil
	153	21	12	25	137	35	38	64	30



## W A T E R

The Colchester and District Water Board are responsible for the supply and distribution of water throughout the District except in the parish of Dedham, which is supplied by the Tendring Hundred Waterworks Company Limited. The sampling of untreated water from the various sources of supply is carried out by the Water Board who have supplied copies of a typical analysis for inclusion in this report. Bacteriological samples of the treated mains water are submitted for examination by this Department from time to time.

All the samples of mains water sent for bacteriological examination were found to be satisfactory.

Mains water is available in all parishes in the District and 97% of the population are supplied with mains water.

MOUNT BURES AND DISTRICT WATER SUPPLY

CHEMICAL RESULTS IN PARTS PER MILLION

Appearance	Clear and Bright			Turbidity	Nil
Colour	Nil			Odour	Nil
pH	7.5			Free Carbon Dioxide	17
Electrical					
Conductivity	880			Dissolved Solids dried	
				at 180°C	590
Chlorine in Chloride	126			Alkalinity as	
				Ca CO <sub>3</sub>	290
Hardness as Ca CO <sub>3</sub>	315	Carbonate	290	Non Carbonate	25
Nitrogen in Nitrate	0.0			Nitrogen in Nitrite	Absent
Ammoniacal Nitrogen	0.40			Permanganate Value	0.30
Albuminoid Nitrogen	0.00			Residual Chlorine	...
etals: <u>Iron</u>	0.16			Copper, Lead, Manganese.	Absent
<u>Zinc</u>	0.07			<u>Fluoride</u>	0.9

Anionic Synthetic Detergent as Manoxol OT: Less than 0.2

BACTERIOLOGICAL RESULTS

Number of colonies developing on agar	( 1 day at 37°C.	2 days at 37°C.	3 days at 20 - 22°C.
	( - per ml	- per ml.	- per ml
	<u>Present in</u>	<u>Absent from</u>	<u>Most probable number</u>
Presumptive coliform reaction	- ml	- ml	- per 100 ml
Escherichia coli	- ml	- ml	- per 100 ml
Clostridium perfringens			
(Cl welchii) reaction	- ml	- ml	

This sample is clear and bright in appearance, has a reaction slightly on the alkaline side of neutrality and is free from metals apart from very minute traces of iron and zinc. The water is very hard in character but its hardness and its content of mineral and saline constituents in solution are not considered excessive. The water conforms to the highest standard of organic quality.

# INWORTH AND DISTRICT WATER SUPPLY

## CHEMICAL RESULTS IN PARTS PER MILLION

Appearance	Faint opalescence with no visible deposit Slight deposition of iron on standing.				
Colour (Hazen)	Filtered	3	Turbidity	3	
pH	7.6		Odour	Faint 'earthy'	
Electrical Conductivity	940		Free Carbon Dioxide	13	
Chlorine in Chloride	130		Dissolved solids dried at 180°C.	630	
Hardness as Ca CO <sub>3</sub>	175	Carbonate	175	Alkalinity as Ca CO <sub>3</sub>	275
Nitrogen in Nitrate	0.0		Non carbonate	0	
Ammoniacal Nitrogen	0.60		Nitrogen in Nitrite	absent	
Albuminoid Nitrogen	0.00		Permanganate Value	0.30	
			Residual Chlorine	-	
<u>Metals</u>					
Iron	0.21				
Zinc, Copper,					
Lead, Manganese	Absent				
Fluoride	2.6				
			Anionic Synthetic Detergent as		
			Manoxol GT. less than 0.2		

## BACTERIOLOGICAL RESULTS

	( 1 day at 37°C.	2 days at 37°C.	3 days at 20 - 22°C.
Number of Colonies developing ( on agar	( - per ml	- per ml	- per ml
	(		
	<u>Present in</u>	<u>Absent from</u>	<u>Most probable number</u>
Presumptive coliform reaction	- ml	- ml	- 100 ml
Escherichia coli	- ml	- ml	- 100 ml
Clostridium perfringens			
(Cl. welchii) reaction	- ml	- ml	

This sample shows slight opalescence and deposit associated with the minute trace of iron which is present. The water is free from other metals and has a reaction on the alkaline side of neutrality. Its hardness is moderate and its content of mineral and saline constituents is not considered excessive. The water conforms to the highest standard of organic quality.



DETAILS OF HOUSES AND CIVILIAN POPULATION

SUPPLIED WITH MAINS WATER

	Est. Civilian Popn.	No. of houses	Direct to house			From standpipes		
			No. of houses	Est. Popn.	% Popn.	No. of houses	Est. Popn.	% Popn.
Abberton	436	174	171	426	97.7	1	3	0.6
Aldham	502	206	181	485	96.6	2	6	1.1
West Bergholt	2178	853	812	2144	98.4	37	94	4.3
Birch	856	313	300	817	95.4	11	36	4.1
Boxted	1220	460	421	1178	96.6	7	20	4.2
Chappel	432	157	139	389	90.0	14	40	1.6
Wakes Colne	442	158	126	370	83.7	19	62	14.0
Copford	1022	350	334	987	96.5	5	15	1.4
Dedham	1826	688	611	1688	92.4	39	101	5.5
East Donyland	1668	620	599	1631	97.7	6	15	0.8
Eight Ash Green	1272	444	410	1183	93.0	28	80	6.2
Fingringhoe	717	242	236	704	98.2	1	4	0.5
Fordham	710	276	263	678	95.5	8	28	3.9
Great Horkesley	1321	465	430	1258	95.9	14	49	3.7
Little Horkesley	283	79	64	256	90.4	1	5	1.7
Langenhoe	219	76	71	213	97.7	2	7	3.2
Langham	905	328	290	879	97.6	-	-	-
Layer Breton	254	87	72	231	90.9	5	18	7.1
Layer-de-la-Haye	1051	472	349	1001	95.2	13	31	2.9
Layer Marney	218	72	69	214	98.1	1	3	1.3
East Mersea	314	101	89	299	95.2	3	9	2.8
Messing cum Inworth	363	124	119	352	96.9	2	6	1.6
Mount Bures	183	69	67	179	97.9	-	-	-
Peldon	489	170	160	468	95.7	7	17	3.4
Salcott	196	81	69	190	96.9	10	30	15.3
Stanway	4556	1581	1550	4436	97.4	16	41	0.9
Great Tey	659	236	224	617	93.6	10	32	4.9
Marks Tey	1492	558	490	1355	90.9	33	96	6.3
Tiptree	5870	2197	2136	5453	92.9	14	34	0.5
Virley	48	14	13	46	95.9	1	3	6.2
Gt. & Lt. Wigborough	224	81	72	198	88.3	6	19	8.4
Wormingford	334	114	100	288	86.2	11	33	9.8
	32270	11846	11037	30613	94.8	307	937	2.8



## SEWERAGE

The villages of Tiptree, Stanway, West Bergholt, Rowhedge, Copford, Marks Tey, Eight Ash Green, Aldham, Fordham, Great Tey, Chappel, Wakes Colne, Wakes Colne Green, Great Horkesley, Messing, Fingringhoe, Abberton, Langenhoe, Peldon, Birch, Layer Breton, Salcott, Wormingford and Layer-de-la-Haye are provided with sewers.

Sewage disposal works are provided at Tiptree, Dedham, West Bergholt, Fordham, Copford, Great Tey, Wakes Colne, Fingringhoe, Birch, Salcott, Wormingford and Layer-de-la-Haye.

The sewage from the greater part of Stanway and Rowhedge is discharged into the Colchester Corporation Sewerage System.

Substantial progress was made during the year in the provision of sewers. Work was commenced on the Dedham Heath and Lamb Corner and Inworth schemes.

The schemes to serve Langham, Boxted, Easthorpe, Great and Little Wigborough and the Blackheath area are at various stages of preparation.

The response from property owners in connecting their properties to the sewer when it becomes available continues to be quite good, and a number of long standing drainage nuisances have been abated by provision of drainage to the sewer.

An increasing volume of work arises in the department in advising on and approving and testing alterations to existing drainage systems, and this has to be given priority over other work.

Below are given details of the estimated percentage of properties connected to the sewer on our more recent schemes:-

Scheme	Est. No. of houses on line of sewer	Est. No. of houses connected	Percentage of houses connected.
Abberton, Peldon, Langenhoe, Fingringhoe.	554	478	86.3
Birch and Layer Breton	241	230	95.4
Chappel and Wakes Colne	181	129	71.3
Copford and Marks Tey	817	665	81.4
Eight Ash Green	797	665	83.4
Gt. Horkesley	314	246	78.3
Messing	157	87	55.4
Salcott & Virley	69	51	73.9
Great Tey	142	117	82.3
Wormingford	78	39	50.0
Layer-de-la-Haye	334	191	57.2

## POULTRY INSPECTION

There is one poultry processing premises within the district which processes hens.

From February 1967 all poultry at these premises has been inspected using the 'spotter' system by which suspect birds are put out by an experienced operator for inspection by the Public Health Inspector who also does a routine check of the other birds.

Number of visits to premises	74
Total number of birds processed during the year	38099
Total number of birds condemned during the year	488
Percentage of birds rejected as unfit for human consumption	1.2%

## MEAT INSPECTION

There are two licensed slaughterhouses in the district, one at Dedham and the other at Boxted, which serve the requirements of the respective owners. Both comply with the slaughterhouse construction regulations.

All animals slaughtered in the district have been inspected by a qualified Inspector for the past twenty years. The Meat Inspection Regulations, 1963, which came into operation on 1st October 1963, require that all meat at slaughterhouses must be inspected before it is removed from the slaughterhouse. These regulations also prescribe the method of inspection to be carried out and require that all meat inspected and passed fit for human consumption must be marked.

These requirements have been fully carried out despite the fact that a number of animals are regularly slaughtered on Saturday afternoon and evening each week.

Any unsound or diseased meat is either buried or removed from the premises under supervision for disposal at the local fat extraction plant.

MEAT AND OTHER FOODS

CARCASES AND OFFAL INSPECTED AND CONDEMNED  
IN WHOLE OR IN PART DURING 1970

	Cattle excluding cows	cows	Calves	Sheep and Lambs	Pigs	Horses
Number Killed	304	-	1	461	682	-
Number inspected	304	-	1	461	682	-
<u>All diseases except Tuberculosis and cystercerci</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcases of which some part of organ was condemned	12	-	-	1	42	-
Percentage of the number inspected affected with disease other than tuberculosis and cystercerci	3.9%	-	-	0.2%	6.1%	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	2	-
Percentage of the number inspected affected with tuberculosis	-	-	-	-	0.3%	-
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned	-	-	-	-	-	-
Carcases submitted to treatment by refrigera- tion	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-



# FOOD PREMISES

The majority of food premises are owner occupied, and the owner is directly responsible for the running of the business. Standards of construction and hygiene are generally satisfactory and during the year frequent inspections have been made to all types of food premises.

Details are given below of the number of food premises in the district, subject to the Food Hygiene (General) Regulations, 1970, grouped in categories of trade carried on in them:-

TRADE	Number of Premises	Fitted to comply with Reg. 18	Reg. 21 applies	Fitted to comply with Reg. 21
General	89	89	75	74
Baker and Confectioners	6	6	6	6
Catering Premises	109	109	109	109
Butchers	10	10	10	10
Fishmongers	2	2	2	2
Brewers	1	1	1	1

Regulation 18 - Provision of wash hand basins

Regulation 21 - Provision of sinks, or other facilities, for washing of food and equipment.

## FOOD CONDEMNED.

	<u>cwts.</u>	<u>lbs.</u>
Meat at slaughterhouses	3	12
Meat at other premises		109
	4	9
Canned Meats	1822 tins	
Other canned foods	20153 tins	
Frozen Foods	230 packets	

## ATMOSPHERIC POLLUTION

In conjunction with the Essex County Council a smoke/sulphur dioxide measuring instrument is operating at Little Horkesley reservoir. This forms a part of the National Survey of Air Pollution in Great Britain organised by the Air Pollution Division of the Ministry of Technology.

The instrument draws in a measured quantity of air from which information regarding the smoke and sulphur dioxide in the atmosphere is deduced.

This information is forwarded monthly to the Ministry of Technology.

## CIVIC AMENITIES ACT 1967

This Act places a responsibility on the Authority to arrange for the removal and disposal of abandoned vehicles, subject to the procedures detailed in the Act being followed. The cost of removal of a vehicle is recoverable from the owner, if known, and in every case attempts are made to trace the owner before any other action is taken.

During 1971 nine vehicles were removed for disposal under the provisions of this Act.

## REFUSE COLLECTION

Five vehicles and fourteen men (including the foreman) are employed on this service.

A work study survey carried out by the Work Study Unit of the Colchester Borough Council was commenced during the year with a view to the implementation of work study based incentive bonus scheme and a reorganisation of the service generally. The report should be available early in 1972.

A further large capacity continuous loading refuse vehicle was ordered during the year and delivery is expected in January or February 1972.

## RODENT CONTROL

The Council employs one full time rodent operator who undertakes treatment of dwelling houses upon request or when found to be infested with rats or mice following routine inspection.

Business premises are treated but a charge is made for labour and materials. The Council also undertakes the treatment of agricultural premises on a yearly contract basis.

### Summary of Visits during 1971

	<u>No. of Properties treated</u>	<u>No. of Visits</u>
Agricultural Premises	52	296
Other Premises including domestic premises	453	747

In addition 132 wasp nests were destroyed by the rodent operator during the year at premises within the district.

SUMMARY OF INSPECTIONS MADE DURING 1971

Premises inspected under Public Health Acts	803
Reinspections under Public Health Acts	238
Premises inspected under Housing Acts	665
Reinspections under Housing Acts	367
Slaughterhouse inspections	158
Food and Drugs Act	353
Factories and Workshops	13
Appointments and interviews with property owners	10
Water samples taken for analysis	49
Rodent Control	175
Moveable Dwellings	10
Refuse Collection	305
Petroleum installations inspected	82
Clean Air Act	79
Offices, Shops and Railway Premises Act	53
Diseases of Animals Act	9
Animal Boarding Establishments Act	18
Poultry Processing Establishments	90
Civic Amenities Act	31
Noise Abatement Act	20
Road Numbering	28

# FACTORIES ACT, 1961

Inspections have been made at the various factories and defects observed have been remedied. The following table gives details of work done.

## Inspections for Purposes of Provisions as to Health (including inspections made by Public Health Inspectors)

PREMISES	No. on register at 31.12.71.	Number Of		
		Inspection	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authority.	14	5	NIL	NIL
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	88	60	NIL	NIL
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	2	14	NIL	NIL
TOTALS	104	79	NIL	NIL

## Cases in which defects were found

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	REFERRED to H.M. Inspec.	by H.M. Inspector	
Want of cleanliness	1	1	NIL	1	NIL
Overcrowding	NIL	NIL	NIL	NIL	NIL
Unreasonable Temperature	NIL	NIL	NIL	NIL	NIL
Inadequate Ventilation	NIL	NIL	NIL	NIL	NIL



Cases in which defects were found (cont.)

Particulars.	No. of cases in which defects were found				No. of cases in which prosecutions were inst- ituted.
	Found	Re- died	Referred to H.M. by H.M. Inspec. Inspec.		
Ineffective drainage of floors	NIL	NIL	NIL	NIL	NIL
<u>Sanitary Conven- iences</u>					
a) in afficent	NIL	NIL	NIL	NIL	NIL
b) unsuitable or defective	2	2	NIL	NIL	NIL
c) not separate for sexes	NIL	NIL	NIL	NIL	NIL
Other offences against the Act (not including offences relating to outwork)	2	2	NIL	NIL	NIL
TOTALS	5	5	NIL	1	NIL

OUTWORK

Nature of Work	Section 133		Section 134			
	No. of out- workers in Aug. list	No. of cases of default in send- ing lists to the Council	No. of prosecu- tions for failure to supply lists	No. of instances of work in un- wholesome premises.	Notices served	Pros- ecut- ions.
<u>Wearing Apparel</u>						
Making etc.	8	NIL	NIL	NIL	NIL	NIL
Furniture & Upholstery	NIL	NIL	NIL	NIL	NIL	NIL
TOTALS	8	NIL	NIL	NIL	NIL	NIL



OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

All new premises likely to come under the Act are visited, and re-visits are now being made to existing premises.

It has not yet been found necessary to instigate any legal action to ensure compliance of the regulations - this has always been obtained by informal action.

Two accidents were reported during the year, both at builders merchants. The driver of a fork lift truck hurt his leg when the fork lift truck turned over, and a man had to have the top joints of two fingers amputated after his hand was trapped when some paving slabs slipped that he was helping to unload.

<u>Class of Workplace</u>	<u>Total No. of premises regis- tered</u>	<u>No. of registered premises receiving general inspection during the year</u>	<u>No. of persons employed in regis- tered premises</u>
Offices	15	3	45
Retail Shops	73	15	246
Wholesale Shops, Warehouses	5	2	88
Catering Establishments, Canteen	16	1	84
Fuel Storage Depots	-	NIL	-
TOTALS	109	21	463
		Males	192
		Females	271

Number of visits of all kinds (including 56  
general inspections) to registered premises .....





